

A Record of
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For 48 Years



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of M. I. T.

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MAINE ENTERS AS STRONG FAVORITE IN NEW ENGLANDS

Engineers are Stronger Than
In Past Years—Thorsen
And Gilman Best

FOURTEEN TEAMS ENTER
Beavers Won Fifth Place Last
Year, With Maine First
And N. H. Second

Both the first and second place winners of last year's New England Intercollegiate Cross-Country meet will again run in the annual classic next Monday afternoon at Franklin Park. Fourteen colleges are represented in the Varsity run, while seven colleges have entered teams in the yearling encounter. 137 runners will take part in the Varsity, and 69 in the freshman race.

M. I. T. Fifth in 1928

Technology took fifth place in the run last year. Thorsen was the first man to cross the line for the Engineers when he came in to take eleventh place. Gilman was the first Engineer home in the yearling race, taking sixth place in the run. The yearlings won fourth place as a team in the meet. McNiff took nineteenth for M. I. T. in the Varsity run and was the second Engineer to cross the line. DeFazio was the third, placing number 34.

Maine again rules the heavy favorite this year. Last November they won the Varsity race with a score of 46. Lindsay, Richardson, Brooks, and Stanley took first, second, fifth, and sixteenth places in the run for Maine and all four of these men are to run in the coming encounter. The other scorer for Maine last year was Mank who took twenty-second place. He will not run again this year.

For New Hampshire, the second place winner, of last Season, Hanzen, who took seventh, is the only man to run again this year after scoring (Continued on Page 3)

SERIES OF ALDRED LECTURES TO BEGIN

Construction of Cathedral is
Subject of First Talk

Mr. Ralph Adams Cram, the first Alfred Lecturer of the year, will speak December 6 on "The Building of a Great Cathedral." He will be the first architect to give a talk in this series. His talk will deal with the design and construction of the Cathedral of St. John the Divine in New York City.

This series of lectures was started in 1923 by Mr. John E. Alfred, a prominent industrial Engineer, in an effort to give the students an idea of the kind of work they will meet when they get out of college so that they will more easily realize the difference between the theoretical work they learn in school and the practical problems they will be confronted with in business.

FREE LECTURES WILL BE GIVEN AT ROGERS

Lowell Institute has announced its program of public lectures for the next month. The lectures will be changed from 8 o'clock in the evening to 5 o'clock in the afternoon. They will be given at the Huntington Hall, Rogers Building, Francis W. Hirst, author of "Early Life and Letters of John Morley," will speak November 16, 18, and 20, on the topic, "John Viscount Morley and his Indian Reforms."

Professor George A. Reisner, Ph. D., of Harvard will give 8 lectures on the various phases of the history of Egypt. Dr. Reisner is professor of Egyptology in Harvard University, and Director of Harvard University-Museum of Fine Arts. Starting November 19, he will lecture every Tuesday and Thursday for 8 consecutive lectures.

Admission to the lectures are free. The tickets may be procured by applying by mail to the Curator of the Lowell Institute, 491 Boylston street, and enclosing one stamped, addressed envelope for each ticket desired.

Concert Is Given By Musical Clubs

Combined Clubs Open Season
With Concert at Franklin
Square House

Opening the season's activities, the Combined Musical Clubs gave the first concert of the year last Tuesday evening at the Franklin Square House. The concert began at 8:15, and a large audience was present.

Included in the program were a number of classical, semi-classical, and popular selections. Each of the member clubs gave several numbers during the evening. A tap dance accompanied by the Technicians was one of the best-received features of the whole program.

The concert closed with the singing of the Stein Song, as is customary at concerts of the Technology Clubs. Following this, dancing was held, lasting until midnight. Music for the dance was furnished, as usual, by the Technicians.

PROM SIGNUPS TO BEGIN DECEMBER 9

Sale To Be Held for One Week
And Cost Will Be \$5 with
Redemption of \$7

Signups for the Junior Prom, which will be held on February 21 in Walker Memorial, will be on sale December 9 and will continue on sale throughout that week. The cost of the signup will be \$5 and they will be redeemed a few weeks before the Prom for \$7 making the total cost for this event \$12.

As is customary, the system of "first come, first served" will be used in regard to reserving tables for the dinner. The ticket sale also will be limited but this number has not as yet been decided by the committee. Announcement will also be made in the future in regard to a poster contest.

Many innovations seem to be scheduled for the Junior Prom this year. In addition to selecting Walker Memorial for the scene of the dance, Tech Show will not be held in conjunction with Technology's outstanding social event as was done last year. There will be ample events for those who wish to attend something else before coming to the Prom however. Tech Show will be held on the same night in some hall in Boston. The hockey team is scheduled to meet Bates in the Arena and a wrestling match is to be held in the Hangar Gym.

38 MEN INTERVIEW BOYS' WORK LEADER

Adviser Will Help Men Decide
Type of Instruction

Boys' work of the T. C. A. has already secured 38 men who are interested in spending some of their time in aiding others by leading them. Opportunities are being discussed with Mr. Duncan Russel, Jr. who handles the "clearing house" work between the needy boys and those who wish to give instruction.

Positions can be obtained for students so that they may do whatever type of work they wish. Most of the men are located in the Boy Scouts, Settlement Houses, Y. M. C. A., Y. M. H. A., Burroughs Newsboys Foundation, Federated Jewish Charities, etc.

According to Mr. Russel the work will not only benefit the needy ones, but will give a man a view of what is "on the other side of the fence." It will acquaint him with the many social problems of the poor. Mr. Russel is remaining here until tonight and wishes to see all the others who would like to do boys' work, but have not as yet made arrangement for it.

LIBERAL CLUB HEARS WELL KNOWN EDITOR

Gardner Jackson, Editor of the "Lantern," and widely known newspaper man will address the members and guests of the M. I. T. Liberal Club Monday afternoon at four o'clock in Room 1-190. His topic is to be, "Has the Newspaperman a Moral Responsibility?"

WRESTLING CHAMP WILL BE DECIDED IN OPEN TOURNAMENT

Coach Ricks Announces Three-
Day Series to Begin on
December 17

OPEN TO ALL STUDENTS

On December 17, 18, and 19 all the wrestlers young, old, large and small will have a chance to vie with one another for the title of all-Technology Wrestling Champion. A three day tournament will be held in the Hangar gym in which all men in Technology not holding degrees from other colleges are eligible. Whether a man is turning out for another sport or not is immaterial.

The month between now and the time of the tournament will give anyone turning out with a view to entering the three day series plenty of time to get in training, because the wrestlers have been practicing only since the beginning of the physical training classes. Any man who comes out now will not be very far behind those who have been training since the start.

Freshmen Must Enter

All freshmen who have substituted wrestling for P. T. are required to enter the contest. Even with the element of great reward lacking, the practice bouts each evening are full of excitement. With the championship of Technology at stake the possibilities of action among the freshmen will be greatly increased.

The rules of the National A.A. are to be in force, so all bone-breakers and injurious holds are barred, such as the over-scissors and the full-Nelson. Fellows who have never been out for wrestling and who are a bit timid because of the supposedly brutal element in wrestling in colleges should be reassured by this fact.

FIRST DANCE HELD BY CATHOLIC CLUB

Girls from B. U. and Simmons
Invited by the Club

North Hall of Walker Memorial was the scene last Friday evening of the first dance held by the Technology Catholic Club this year. The dancing had been scheduled to end at 12 o'clock, but on account of the large attendance, about 150 couples being present, and the enjoyable atmosphere which pervaded the affair, permission was granted to continue the dancing until 2 o'clock.

Mrs. Logan L. McLean and Miss Rose O'Callahan acted as chaperons. Professor Mathew R. Copithorne of the English Department and the Rev. Richard J. Quilan, spiritual director of the club were also present.

A most unusual feature of the dance was the absence of the customary stag line. The officers of the club realizing that a great number of the freshmen were not yet acquainted with the feminine element of Boston, had invited the girls of St. Cecilia's College Catholic Club and the Newman Club as dancing partners. At the beginning of the evening, it even looked as if a great number of the ladies were going to be left without partners. Later in the evening, however, their charm and the general spirit of the occasion finally got the better of that freshman bashfulness so that, as the saying goes, a good time was had by all.

MEMBERS OF MINING SOCIETY HOLD DINNER

An informal dinner was held by the Mining Society Wednesday evening in the Grill Room of Walker. There were about twenty students present, although there were no members of the faculty.

The main speaker at the dinner was Mr. D. R. Agar. He talked chiefly on the activities of summer camp showing pictures of the camp as a supplement. This was primarily of benefit to the Sophomores and freshmen. The dinner meeting also served as a means of acquainting the members of the society with each other.

Cambridge Cops Stage Annual Check of Cars

Once again the hard-hearted Cambridge police force is stalking the Technology students who are fortunate enough (or unfortunate, as you wish), to own an out-of-state car. Despite the fact that the majority of the students have been using the back roads in an effort to dodge the vigilant sleuths, the daily toll is being taken and more and more Massachusetts license plate are appearing. Information as to how to escape being caught may be had by applying to Sherlock Holmes located in the traffic booth on Massachusetts Avenue.

FRATERNITY GROUP ENTERTAIN TONIGHT

Longwood Towers Ballroom is
Scene of First Dance
Of This Year

Final plans have been made for the first dance of the Interfraternity Conference for this season. The affair will take place from 9 until 2 o'clock on Friday evening, November 15, at Longwood Towers in the main ballroom. Music for the occasion will be furnished by the "Harvardians," a twelve piece orchestra. These entertainers played for the Intercollegiate Ball after the Harvard-Dartmouth football game, as well as for other college dances.

As an added feature refreshments will be served to those attending the dance at 12 o'clock in the main dining room. The cost of this is included in the price of the tickets which have been distributed among the member houses of the Interfraternity Conference. This year the total number of tickets has been limited to 250, which is approximately half of the total membership.

The patronesses of the evening will be Mrs. James R. Jack and Mrs. Leonard M. Passano. The officers of the Interfraternity Conference will act as ushers for the convenience of the guests.

R. O. T. C. BAND ENLISTS UPPERCLASS STUDENTS

Seniors and Juniors Instructed
To Report Immediately

Upperclassmen who would care to play in the ROTC Band, are instructed to report either at the band rehearsals held regularly at four o'clock on Monday, Wednesday, and Friday, in Room 5-330, or at Room 3-307. There are still some fifteen vacancies in the band, and all Seniors and Juniors qualified to play in the band, who report for practice, are eligible for appointment as cadet lieutenants.

Mr. Eric Svenson, Warrant Officer retired, has charge of the band this year, and instruction in band and concert music is to be given during the term. Students having instruments of their own, are requested to bring them to the rehearsals, but the following government instruments are still available for issue to those who have no instruments, 3 clarinets, 1 cornet, 1 bass upright, 1 flute, 1 trumpet, and 1 trombone.

DIRECTORIES TO BE GIVEN OUT MONDAY

Announcement was made yesterday at the Publications Office of the reception of a few copies of the new student directory, which is now in the process of being printed. Copies are not generally available, but it is expected that they will be ready for distribution Monday. It is requested that no one ask for directories before that time.

EXPERIMENTS SHOWN GROUP OF NEWSBOYS

Technology was visited last Saturday by a group from the Burroughs Newsboys Foundation. The boys were shown some demonstrations in forging by Prof. John R. Lambirth and some X-ray demonstrations by Prof. John T. Norton '18. Luncheon was served to this group as well as another group from East Bridgewater High School in Walker Memorial.

CRIPPLED SOCCER TEAM WILL PLAY CLARK TOMORROW

Hawkins and Ryan Quarantined—Youngson, Merrill
and Lieu to Play

FRESHMEN TO PLAY DEAN

Varsity Team Will Meet Tufts
Tuesday at 3 O'clock
On Coop Field

Tomorrow afternoon a crippled soccer team will play their last out-of-town game on the fall schedule against Clark University on the Worcester field. The team that will go on the field against the Clark booters is rapidly being made up from all available material that has had experience. Due to the fact that Captain Hawkins, Ryan, and Manager Backus are quarantined, there will be big holes in the Engineer squad.

Frosh Play Dean

On the freshman squad, Haas, left fullback, will also be out due to quarantine. This considerably weakens the already crippled yearling team, four players having been injured in the Quincy game last Saturday. The frosh are scheduled to play Dean Academy tomorrow afternoon at 2 o'clock on the Coop field. Last year the yearlings lost 3 to 2, and in their crippled condition their chances of winning their last game of the season are poor.

Youngson to Play

Youngson, who sustained a dislocated shoulder in the Dartmouth game, and has been out of the games since then, will probably appear against Clark. Merrill, who had his wrist broken in the Wesleyan game last year, will also fill in during tomorrow's game. Lieu, of last year's freshman team, will also appear in the lineup during the game.

All members of the team going to Worcester must report at the Hangar Gym tomorrow afternoon at 12 o'clock ready to leave by bus.

Clark Beat N. U. 2-1

Clark, which has shown considerable strength in games this season, will be a hard match for the scrappy Engineer team to face them. Clark defeated Northeastern 2 to 1, and tied their game last Saturday against Worcester Polytech 1 to 1. Technology lost its game to N. U. last Saturday 3 to 2, and also lost against (Continued on Page 3)

ELECTRIC RESEARCH MEN TO MEET TODAY

President Stratton Addresses
National Council Members

Sub-committee meetings and a day of general registrations formed the first day's program on the three day convention of the Committee on Electrical Insulation of the National Research Council, held yesterday at the Institute. The meeting today, was to be opened with a talk by President Samuel W. Stratton, at nine o'clock, in Room 4-370.

The real work of the Committee is to start today, and will continue throughout the day and tomorrow, before adjourning probably late tomorrow afternoon. Information as to the progress and schedule of the convention may be obtained from Professor Vannevar Bush of the Electrical Engineering Department.

DORM TEAMS START BASKETBALL SEASON

Starting off the Dormitory basketball season Wednesday evening in Hangar Gym, Holman and Atkinson got away to flying starts, Holman trouncing Runkle by the score of 14 to 5, while Atkinson managed to nose out '01-D by two points, the score at the end of the game being 16-14 in favor of the old-Dorm men.

In defeating Runkle, last season's champions, so handily, Holman, after having tied for third place during the 1928 season, pulled the outstanding upset of the evening. Atkinson finished in second place last year, while '01-D was just behind in third place tied with Holman.

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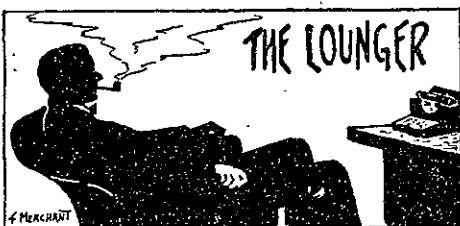
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The Lounger has an occasional opportunity to review a sample of the feeble attempts at humor made by those who are outside the scope of the honorable and highly skilled profession of which he is the acknowledged master. He considers it worthy of note that those unfamiliar with the technique of writing humorous material invariably exaggerate in their choice of words with which they attempt to effervesce.

The latest instance which has come to his attention is a letter from the editors of that well known and justly praised periodical, the Tech Engineering News, which was sneaked by the Lounger from the Editorial Basket. The editors of said periodical, wishing to announce to the wide, wide world the fact, time, and circumstances of their forthcoming brawl on the football field with the professed (Continued on Page 4)

As We Like It

"JOURNEY'S END"—The Wilbur

As accurate a picture of life in a British army dugout of the World War as will probably ever be presented on the stage is one of the attractions of "Journey's End" at the Wilbur this week. The play by R. C. Sherriff is strangely enough the first and only piece he has ever written.

All the action takes place in a dugout and yet the thing moves with a remarkable smoothness through the sortie to the attack which ends the play. The tragedy is portrayed with such ingenuity and the opportunities for moralizing on the horrors of war so well avoided that the whole force of the picture is utilized to produce a powerful and moving drama.

Although Richard Bird is featured in the cast in the role of Captain Stanhope, the cast is so well balanced that there seem to be no lesser lights. Henry Stephenson as Lt. Osborne does excellent work in the portrayal of a fatherly middle-aged schoolmaster, whose love for his dissipating ranking officer creates one of the finer notes of pathos of the play. Mason the solicitous Cockney chef, played by Dan Brooker, provides the heavy comedy. Norman Pierce as Lt. Trotter serves as an excellent background for Mason's fast work with the mess. The cast, as might be expected, is entirely free of representatives of the fair sex.

It would seem to the casual observer of this play that men in the trenches take an uncommon amount of their nourishment in a liquid form. The system seemed to be to use whisky to take away the taste of the water and water to take away the taste of the whisky. Some of the more novel beverages included onion tea and yellow soup, which, Trotter remarked, had a yellow flavor.



Cheering news!

The proverbially reasonable prices on our clothes are more reasonable than ever this Fall, with sack suits from \$40 to \$85, and topcoats starting at \$40.

4-piece sport suits, from \$50.

Tuxedos, \$50 up;
Full dress, \$60 up.

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Schatz '30, and James G. Carr '29. The decorations are not on view to the public, but from rumors around Boylston street they will be composed of sketches drawn in a certain drawing class where the model is human and female.

The architects are opening their gay dance to the engineering students at the rate of \$1.50 per couple or stag.

We have heard a lot recently about pocket flasks at the football games. In this chilly weather even the players of the Tulane University team drink. Yes? But it is only coffee. The coach does not wish to endanger the health of these southern boys so between halves, while the refreshments are being consumed by the spectators, he serves coffee to the team.

Rogers Notes

It is customary for the inhabitants of the Rogers Building to unbend their backs from over drawing boards, remove their smocks, and take a haircut periodically. The reason for this uncommon action is the Architect's Ball (or brawl, as some prefer.) It has been definitely decided that the dance will be a "Bowery" dance. This means use your own judgment in the choosing of costumes, but be discreet. The dance will be held in the Exhibition Room, and the decorations are being done by Wayne A. Sovers '30, Joseph M. Shelley '30, George F.

OFFICIAL ORNAMENTATION

PROPOS of the present discussion of the nature of the proposed Standard Senior Ring, the facts of the case might well be presented to the Undergraduate body. The Ring Committee, in reporting to the Institute Committee, asked for a show of hands of those favoring the Beaver and those upholding the Institute Dome as the insignia to be used. This body favored the Dome design by a small majority, and the Ring Committee was given more time for the consideration of the problem.

In favor of the Beaver stands the argument that this animal has become regarded as the official mascot of Technology, although the original circumstances surrounding its adoption hardly justify the assumption. On the other hand, the designs submitted with the Beaver as the central figure were far from satisfactory, while those using the Dome as the motif were imposing and more realistic.

The original circumstances of the connection of the Beaver with Technology are related in the Technique of 1915. Here it is stated that the Technology Club of New York at its annual banquet in 1914 formally presented the Beaver to President MacLaurin. Likening the animal to the students at Technology, Hornaday's "Animals of North America" was quoted as saying, "Of all the animals of the world, the Beaver is noted for his engineering and mechanical skill and his habits of industry. His habits are nocturnal, and he does his best work at night". This does not indicate that official adoption of the Beaver as the mascot of Technology took place, and arguments for the Beaver on this score lose effectiveness. The views of the student body should be consulted in the matter, and any signed communications regarding it will be welcome.

TRAINED INTELLIGENCE

CALVIN COOLIDGE has been quoted as saying in a recent interview: "Everything flows from the application of trained intelligence and invested capital is the result of brains."

The man of trained intelligence is a public asset. . . . We go forward only through the trained intelligence of individuals, but we, not the individuals, are the beneficiaries of that trained intelligence. In the very nature of things, we cannot all have the training, but we can all have the benefits."

Trained intelligence is not limited to men of present-day advanced education. That there has been any progress is proof that there have always been men of combined vision and such intelligence. Benjamin Franklin is an outstanding figure in these ranks. At a time when nearly everything awaited explanation, his attention ranged like a searchlight over many fields. He considered ventilation and smoky chimneys and proceeded to develop new stoves. The kite, which had served centuries of boys as a toy, became in Franklin's hands, an instrument of science. And today we are still reaping the benefits.

Indeed, such a man is a "public asset" and also an individual asset in the highest sense.

The practical scientists of today (and there are no other kind) are busy revealing to mankind by their careful and far-seeing minds a new free world—rich in promise and of surpassing interest.

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Not the Same Old You) . Fox Trot } Will Osborne
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SOCCER PLAYERS WILL MEET CLARK

Freshmen will Play Team from
Dean Academy Tomorrow
On Coop Field

(Continued from page 1)
Worcester Polytech 2 to 0, which makes the Clark booters favorites to win at Worcester tomorrow.

After the Clark game, the Beavers will have only one more game this season, with Tufts on the Coop field Tuesday afternoon at 3:15 o'clock. After the Tufts game the team will suspend practice until Spring, when it will train for the spring schedule.

BASKETBALL TEAM PRACTICES DAILY

Motter, Lawson, and Captain
Nelson are Backed by
Good Material

Basketball practice has started, and more than twenty-five candidates for the Varsity have been working out every afternoon in preparation for the first game with New Bedford on December 7. Nelson, Lawson, and Motter of last year's team are practicing regularly, getting into shape for the coming season. Although the positions held by Captain Brockleman and Allen, stars of last year's quintet will be hard to fill, a strong team is expected this year. Bates, Dickinson, and Harrison, substitutes from last year have also been working out and bid strong for berths on the first string.

All of last year's freshman team, with the exception of Paul, who was injured in the Field Day football game, are among the candidates, and will give the Varsity strong backing. Ineligibles from last year also form promising material.

More than forty freshmen have turned out for the yearling team, many of which have played on prep and high school teams. Among the candidates out for the yearling squad is Anton Brockleman, younger brother of the famous captain of last year's victorious quintet. The younger Brockleman played on the Beckskill Military Academy team before entering the Institute.

GASTONIA STRIKER IN BOSTON SUNDAY

Following its usual policy of giving a hearing to unpopular causes, the Community Church has invited Fred Erwin Beal, organizer for the National Textile Union, and Roger N. Baldwin, director of the American Civil Liberties Union, to speak on the subject of "The New War against Slavery in the South" at the regular meeting Sunday.

Mr. Beal is one of the seven National Textile workers convicted on charges of conspiracy to murder in connection with the Gastonia mill strike. He has been released on bail pending his appeal.

The only woman in the senior class of the University of Kansas Law School carries a cane given her by the men in the class. Are not our own brave coeds deserving of a similar tribute?

HOCKEY CANDIDATES WILL MEET MONDAY

Varsity Prospects are Bright—
Schedule is Announced

On Monday there will be a mass meeting for all men interested in hockey, either Varsity or freshman, in Room 1-190 at 5 o'clock. Coach Bill Stewart will speak briefly on the prospects of this year's team and would like to see many candidates there. There are also several positions open for assistant managers, and anyone interested should show up at the meeting.

Good Outlook

The outlook for this year's team appears very bright, only Captain White and Crosby being lost through graduation. Captain-elect Cullinan, Lucy, Riley, Hull, Ford, and Hazeltine, all veterans of last year's Varsity team will form the nucleus of the team, together with Peterson, Regan, and several others from last year's freshmen.

Start Work Soon

Practice will start about next Wednesday at the Boston Arena, instead of at the Boston Gardens where it was held last year. With the exception of the Harvard game, which will be held at the Boston Gardens, all home games will be played at the Arena. There are four men trying out for goal this year, a unique situation among college hockey teams.

Both the Varsity and freshman schedules contain several good games and trips. With the exception of games with Northeastern, Boston University, and Tufts, the dates not being decided, the schedule is as follows:

Dec. 12 Harvard at Boston Gardens
Jan. 11 Clarkson at Potsdam, N. Y.
Jan. 12 St. Lawrence University at Canton, N. Y.

Jan. 15 Williams at Williamstown
Feb. 5 New Hampshire at Durham
Feb. 7 Princeton at Princeton
Feb. 14 Open.

Feb. 15 Bates College at Lewiston, Maine
Feb. 28 Brown University at Providence

The freshman schedule is much longer than last year and is as follows:

Jan. 4 Newton at Newton
Jan. 8 Arlington at Arlington
Jan. 11 Phillips Andover Academy at Andover

Feb. 12 Melrose at Melrose
Feb. 15 St. Johns Prep. at Danvers
Feb. 19 Country Day School at Newton
Feb. 28 Brown Freshmen at Providence

Students at Antioch College have instituted what is known as "Leap Week". This has been done in the nature of an experiment, and its purpose is to give the girls the initiative in making dates, and the men the privilege of declining or accepting them. One of our contemporaries suggests that the girls should assume all the responsibility, such as furnishing the car, the gas, the place to go, the eats afterward, and the good-night kiss.

The dean of the University of Cincinnati, in speaking of the structure of the atom, says, "The mathematicians have been making pretty good progress with it, until it is now quite incomprehensible."

Eight Events Will Be Run Tomorrow In Handicap Meet

Series of Fall Meets Arouses
Interest of Many Track
Candidates

In continuance of the long series of outdoor handicap meets held by Coach Hedlund this fall, he has announced another one of the same type to be run off tomorrow afternoon. This meet will be open to all students, according to the usual custom, and will be held on Tech Field at 2 o'clock.

Little competition is expected in the distance events, due to the fact that most of the men who would ordinarily enter will have to rest for the cross-country race on Monday. Consequently, more attention will be devoted to the shorter races and the field events. At the last meet on November 2 there was a small attendance, due to the reaction from Field Day, but a longer list of sign-ups is expected before tomorrow afternoon.

The events to be held are 100-yard dash, 400-yard dash, 780-yard run, 1 1/4-mile run, 150-yard low hurdles, high jump, javelin, shot put, and discus.

HARRIERS WILL RUN AT FRANKLIN PARK

Fourteen Teams are Entered
In New England Meet

(Continued from page 1)
for the Wildcats in the 1928 run. Noyes comes up from the freshman team of last year. He took fourteenth place in the yearling run and figured in the scoring for his team. Richardson took number 32 in the Varsity run but did not place high enough to be in his team's score. He took sixth place in the dual meet between the Engineers and Wildcats last Saturday afternoon, while in this same meet Noyes took seventh place for New Hampshire.

The referee's report on the run last year states that a heavy fog prevented clear vision for both the spectators and the runners, and because of this fact a mounted policeman was used to direct the runners over certain sections of the course.

The results of last year's Varsity run are as follows:

1. Maine—46
2. New Hampshire—53
3. Bates—65
4. Williams—117
5. M. I. T.—160
6. Tufts—162
7. Holy Cross—167
8. Amherst—209
9. M. A. C.—215
10. Northeastern—249
11. Boston University—260

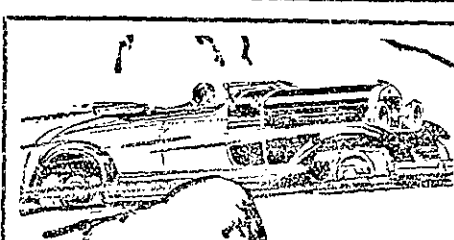
In addition to these colleges, Brown University, Connecticut Aggies, and Rhode Island State are sending teams to compete this year. The freshman teams to run this year are those from Bates, M. I. T., Northeastern, Rhode Island State, Tufts, Maine, and New Hampshire.

RECEPTION IS GIVEN COLLEGE TRANSFERS

About one hundred transfer students were entertained at a reception held last Friday at Rogers by the Walker Club. Addresses were made by President Stratton, Dean Lobdell, and Professor Cecil H. Peabody '77, and refreshments were served. This reception is for the purpose of welcoming college transfer students to the Institute.

"Gown Week" is now being held at the University of Toronto. During one week every year it is the custom of all students, men and women alike to wear the traditional scholar's gown and cap about the campus of the university. Several advantages are claimed for the gowns. They save clothing, keep out drafts, serve as handy pen wipers and blotters, relieve the co-eds of the necessity of wearing hats, and, last but not least, they promote greater attention to studies on the part of the male students, who because of the uniform somberness of the girls' dresses, have less incentive for looking at them.—From the McGill Daily.

A fire at the University of Minnesota, said to have been caused by co-eds smoking in the dormitories, resulted in damage amounting to several thousand dollars.



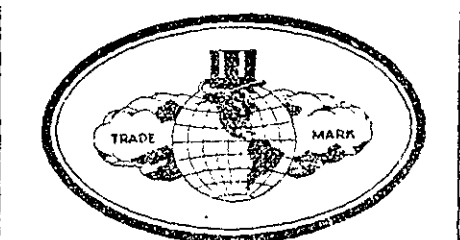
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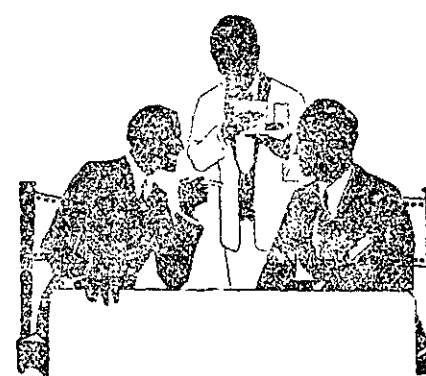
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THE WHOLE STORY

IN THE

SATURDAY TRANSCRIPT FOOTBALL EXTRA

NOVEMBER 16

Play by Play Accounts

HARVARD VS. HOLY CROSS

YALE VS. PRINCETON

DARTMOUTH VS. CORNELL

Stories and Scores

Brown-Norwich
B. U.-Geneva
Amherst-Williams
Fordham-Thiel

Tufts-Bowdoin
Columbia-Penn.
Georgetown-W. Va.
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STREET FLOOR OF THE STORE FOR MEN

CALENDAR

Friday, November 15

5:00—Junior Prom Committee Dinner Meeting, Faculty Dining Room, Walker
8:00—Architectural Society Smoker, Commons Room, Rogers Building

Saturday, November 16

7:00—Chinese Student Club Meeting, Faculty Dining Room, Walker

Monday, November 18

5:00—Instrumental Club Rehearsal, East Lounge, Walker
6:00—Meeting of Hockey Candidates in Room 1-190
8:00—Chemistry Society Smoker, North Hall, Walker

Tuesday, November 19

7:30—Alpha Chi Sigma Meeting, Faculty Dining Room, Walker
7:30—Teca Show Rehearsal, Walker Gym
8:00—Menorah Society Dance and Lecture, North Hall, Walker

Wednesday, November 20

8:00—Baton Society Dance, North Hall, Walker

'MEASUREMENTS' IS TOPIC OF MEETING

First of Series of Electrical Colloquia Scheduled For Monday

Following the precedent established four years ago of offering a series of colloquia each year, the Department of Electrical Engineering wishes to announce that the first of this year's colloquia, on the subject of "Measurements", is to be delivered by Mr. B. W. St. Clair of the General Electric Company, on Monday and Tuesday, November 18th and 19th from 2 until 4 o'clock, in Room 4-213.

For the past four years the Department of Electrical Engineering has offered a series of colloquia each year thru the co-operation of the American Telephone and Telegraph Company in conjunction with the Bell Telephone Laboratories and the Western Electric Company, the General Electric Company, the National Electric Light Association, and the Weston Electrical Instrument Corporation. These colloquia, open to seniors, graduate students, and junior honor students, are designed to acquaint the students with the way in which the fundamental sciences, especially mathematics and physics are applied to particular engineering problems. Each colloquium is led by an engineer of notable achievement in his own field. The presentation covers two hours on each of two successive days. References are announced for each colloquium several days ahead so that those planning to attend may secure the proper background. In general, the leaders will welcome questions and discussion at any appropriate point in the presentation.

The presentation and discussion of this colloquium will occupy both days, and students who plan to attend are expected to arrange their work so as to be present both days, out of courtesy to the leader and in order that they may derive the maximum benefit from the presentation. Arrangement can be made for the performance of laboratory work on other days by conferring with the men in charge. Mr. St. Clair has announced that students who desire a personal conference with him may have one on Tuesday morning. Students so desiring personal interviews are asked to see Miss Hunt in Room 4-213 before 9:30 o'clock for appointments.

AVIATORS PRAISE GYRO STABILIZER

Ranks With Radio Compass as Greatest Development in Many Years

Extraordinary enthusiasm in aviation circles is being manifested over the newest "robot" which was given its official test last Wednesday by the War Department, and passed with flying colors. This instrument by no definite name except that of "automatic pilot," but this fully describes the versatility of the machine.

The device is designed to keep an airplane on a fixed course set by the pilot, and operates on the gyroscopic principle. In the actual test the plane equipped with the stabilizer was flown into a fog over the Alleghany Mountains, at an altitude sufficient to insure against any danger of crashing on the top of a hill. The pilot then set the plane on its course, on an even keel, and allowed the "automatic pilot" to fly the plane through the fog. The plane came out of the fog on an even keel, just as it had gone in, without any assistance on the part of the regular pilot, except one or two minor adjustments to compensate for wind drift.

The stabilizer weighs only fifty pounds and occupies a space of 14 x 14 x 10 inches under the pilot's seat. It consists of two gyroscopes, one mounted vertically and the other horizontally, with their armatures driven at a speed of 15,000 r.p.m. by a motor which in turn is driven by a current from a wind driven generator mounted outside the plane. The gyroscopes then remain stationary, no matter in which direction the plane

may revolve. As the plane revolves around the gyroscopes, circuits are made or broken which control the movements of the ailerons through a number of electro-magnets, the current for which is also supplied by the wind-driven generator.

Fog and darkness are the greatest menaces to the airman. Even in otherwise good weather conditions, when the pilot has to depend solely on his instruments for guidance, he is under a constant and severe strain, in order to keep his plane on an even keel. The War Department experts are of the opinion that the gyroscopic stabilizer will do away with most of this strain and allow the pilot to devote more of his attention to climactic conditions and to the actual course of the plane, instead of to its stability.

Notices—Announcements

PI KAPPA ALPHA

There will be a meeting of the Alumni of Pi Kappa Alpha Fraternity at the Boston City Club at 6 o'clock tonight.

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M. I. T. LIBERAL CLUB

The M. I. T. Liberal Club will hold a meeting on Monday at 4 o'clock in Room 1-190. Several prominent newspapermen, including Gardner Jackson, editor of "Lantern," will address the members on the topic "Has a Newspaper Man a Moral Responsibility?"

TECH SHOW CAST

Appointments for Tech Show Cast Tryouts are now being made in the Main Lobby between nine o'clock and five o'clock.

CHICAGO TO SEE PAST IN FUTURE

\$500,000 Given to Construct Planetarium to View The Heavens

Through the efforts of Ernest A. Grunsfeld Jr. '18 and the money of Max Adler the city of Chicago may very soon be given a rare treat. Large audiences will be able to see a 24-hour astronomical day run off in four minutes.

The movements of the solar and stellar bodies will be completely visualized by means of a powerful projector to be erected in the new planetarium. Mr. Adler has provided \$500,000 to build and equip a large domed building for this purpose and Grunsfeld was selected to design the structure.

A complicated system of lenses and reflectors is employed, giving a perfect image of the heavens on the mammoth white dome. The result is the observation of stars, planets, sun and moon and even the milky way in a clear sky. Careful calculations have prevented the overlapping or blurring of images. The possibilities of the projector are endless, but the most spectacular is that of changing time so that the heavens may be viewed as they were thousands of years ago or as they will be thousands of years in the future.

A little motor, with a gyroscopic motion, brings about a procession of the equinoxes, so that when it is speeded up we may pass over a day in about four minutes. Eternal day may be demonstrated by slowing down the earth's revolutions to one a year, thus dispensing with sunrise and sunset.

THE TECH Ready For Battle With Lowly 'sniques

Practice Struggle will be Held Tomorrow with T. E. N. On Tech Field

As the time draws near for the annual TECH-'snique struggle, there is a notable depressed spirit about the lowly yearbook office. On the other hand, enthusiasm reigns supreme among the newbies. In fact, the spirit is so high that it has been necessary to hide the pigskin to save a few lights in the newsroom.

Unable to hold such an enthusiastic team in check until next Wednesday, THE TECH will hold a preliminary practice game this Saturday with the T. E. N. eleven. This will be in the nature of a warmup struggle to sharpen the appetites of the newbies' star backfield, and incidentally give the magazine boys an opportunity to try their worth against a good team.

As to just who will make up the team to face the 'snique on Wednesday is a carefully guarded secret; in fact it is so carefully guarded that not even the men themselves know. This is being done to save the 'snique as much worry as possible and also prevent the men on the team from being abducted between now and the game.

There have been whisperings about the Institute of the various methods which the 'sniques are planning to use in order to regain their lost glory. One report states that brass knuckles are becoming scarce in South Boston due to the great demand for that commodity in the yearbook office. Another states that the entire victorious Sophomore football team have suddenly and mysteriously been added to the yearbook staff.

Rumors however do not affect the confidence of THE TECH team. There can be no doubt as to the outcome of this eventful contest. The only question is how many points can the newbies team score in the allotted time. So accustomed have THE TECH typewriters become to ticking out the defeats of the 'sniques that the results of the contest could be written now if there weren't some doubt as to the score.

THE LOUNGER

(Continued from Page 2)

humorists of the third floor, are responsible for the following message. To the Hirelings of Voo Doo:

"Too long have the myrmidons of that disgusting, mangy, flea-bitten alley cat Phosphorus polluted sacred precincts of Walker Memorial with their nauseous odor. Too long have these esurient, contumacious, scurrilous, scavengers been allowed to corrupt and poison the innocent minds of the freshmen. Too long have we endured in our midst this vile cesspool of filth and lasciviousness. The time has come to rid the earth of these pernicious, mendacious, erotic, purveyors of stench and corruption."

"If any of the grave-robbers and corpse-defacers associated with that flatulent, dessicated, lecherous, smut sheet voo doo have the temerity to oppose us, we will, under the guise of a football game, crush, destroy, annihilate and utterly discomfite those congenital and egregious nincompoops."

And so on et cetera, ad nauseam. The Lounger suspects the authors of the above missive of having extracted every adjective from some books the titles of which he would prefer not to mention in a respectable newspaper. Also, since when do "scavengers corrupt?"

With profound respect for accuracy of expression we quote verbatim the following extract from a New York paper which was received by the Lounger. It appeared under a picture of our Tubby.

"Prof. Robert E. Rogers, of the Massachusetts Institute of Psychology will talk on snob advertising before the Swampscott convention of the Association of National Advertisers."

Prowling around among the athletic-smelling freshman lockers the other day, what should he see but a group of the prodigies assembled around a locker door which was torn off on Field Day, playing poker. Another use for waste property, Uncle Horace.

Walker Memorial Dining Service Does Business of \$250,000 During Past Year

Meal Books Averaged 100 a Day—Service Employs 60 Students

Walker Memorial Dining Service did over \$250,000 worth of business during the last year in the main dining hall and has been increasing during all its years of service. There were 385,000 meals served with an average sale of 100 meal books per day. The entire organization is controlled and operated by the Institute, not by the Georgian, or Hayes-Bickford as many of the students have conjectured.

It is the policy of the Dining Service to make all their foods themselves and only to buy such things as ice cream, milk, butter, etc., from other concerns. All the rolls, pies, and bakery products are made in the basement and the meat is cut from the whole animal.

During the war the Dining Service was occupied in feeding 3000 men each meal and it was required to run on a 24 hour shift. It was uncertain as to the use the large hall would be put to after the war, but the mural painting definitely decided the permanent use as a dining hall. The painting was done by Edwin H. Blasfield '69 on canvas attached to the wall. This artist has just completed the mural work on the Capitol of the State of Nebraska.

Among its distinguished guests the Walker Memorial Dining Service has served ex-President Calvin Coolidge, Admiral William S. Sims, Mr. Statler, President of the Statler Hotels, Mr. Kettering, active head of the General Motors Corporation, and Mr. Hannauer, President of the Boston and Maine Railroad, who died just after the Yale-Dartmouth football game.

The largest dinner ever served was a banquet in honor of "Mr. Smith" (Mr. George Eastman) in 1920 when 2500 people were served in the main hall. This dinner was the conclusion of the work of Dr. MacLaurin.

In 1923 there was an amusing incident connected with serving a buffet luncheon to 3000 people in the Great Court which at that time was a desert of sand and cinders. It was a dry day and when the food was being served a strong wind blew up and covered the food with the dirt.

Social functions in the evenings, dinners, dances and smokers, were very numerous last year. With an average of six social meetings per week, 12,000 people were served. The Senior Promenades of 1924, 1925, and 1926 were held in Walker with great success.

At Princeton in 1926, the Walker Memorial Dining Service had the distinction of being adjudged one of the best college dining halls in the country.

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